



**Erratum: “Band gap estimation from temperature dependent Seebeck measurement—Deviations from the  $2e|S|_{\max}T_{\max}$  relation” [Appl. Phys. Lett. 106, 022112 (2015)]**

Zachary M. Gibbs, Hyun-Sik Kim, Heng Wang, and G. Jeffrey Snyder

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# Erratum: “Band gap estimation from temperature dependent Seebeck measurement—Deviations from the $2e|S|_{max}T_{max}$ relation” [Appl. Phys. Lett. **106**, 022112 (2015)]

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Equations (3) and (4) are incorrect as written in the manuscript,<sup>2</sup> and instead they should read<sup>1</sup>

$$S_i = \frac{k_B}{e} \left( \frac{2F_1(\eta_i)}{F_0(\eta_i)} - \eta_i \right) \quad (3)$$

and

$$\frac{\sigma_{maj}}{\sigma_{min}} = A \frac{F_0(\eta_{maj})}{F_0(\eta_{min})}. \quad (4)$$

The correct equations were implemented in all calculations in the original manuscript. The error was only in the transcription of these equations.

<sup>1</sup>A. F. May and G. J. Snyder, “Introduction to modeling thermoelectric transport at high temperatures,” in *Thermoelectrics and its Energy Harvesting*, edited by D. M. Rowe (CRC Press, Boca Raton, 2012), Vol. 1, Chap. 11, pp. 1–18.

<sup>2</sup>Z. M. Gibbs, H.-S. Kim, H. Wang, and G. J. Snyder, *Appl. Phys. Lett.* **106**, 022112 (2015).

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